OOK

Depth 6	Contents 7	Reference to last Measurement 8
Total Rs.	5,93,753-00	
GT -	5938-00	
VAT -	23750-00	
Cess -	5938-00	
CBF -	594-00	
LR -	14844-00	
Adj -	51064-00	
Cheque	5,42,689-00	

BR-92/31-5-17

SBR-18/17-18 dt-27/5/17

M. A. R. 57 (Rule 116)
Measurement Book
No. B

Serial No. II and Final Bill

Name of Work providing water supply through pipeline to existing 258633 borewells in ward no. 08 Kodigehalli

From To

Name of Contractor of nature of Agency

Date of commencement of work

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Esti. cost :- 25.00 Lakhs						
	Job code no:- 008-16-000032						
	AS/No:- ಕಾರ್ಯ: ಪೃ.ಪೆ.ಕಾ/ಪಾಲ.ಕ/ಎಇ.ಪೆ/ಅ.ಕಾಂ/123/2015-16/ದಿ 10.03.16						
	TS/No:- ಕಾರ್ಯ: ಪೃ.ಪೆ.ಕಾ/ಪಾಲ.ಕ/ಎಇ.ಪೆ/ಅ.ಕಾಂ/134/2015-16/ದಿ. 10.03.16						
	Agency name:- Executive Engineer (KRIDL)						
	Agreement no:- 288 dt. 11/03/2016						
	Work order no:- BBMP/EE/BTP/WO/18/2017-18, dt:- 07/04/2017						
	Date of completion:- 20/4/17.						

9.0.M. 1.25

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
1)	Earthwork excavation in supply, sanitary or in trenches 1.5 m. not exceeding 1.5 m in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m, after breaking of clods complete as per specifications.	for foundations of buildings, culverts water line and electrical conduits, cutting in pits					
	= Qty vide pre measurements ref T.M.B Page no : 25869						
		60.00 m³	@ Rs.	288.36/cum	Rs	17302.00	
2)	Supplying PVC ring tight pipes conforming to IS 4985 : 2000 with						

Serial No. .....

Name of Work .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Numbe
1	2	3
	labour unloading and carriage, laying true line and levels including loading & lifting wherever necessary (excluding cost of specials), cutting and lead and lift including not less than 15 cms with socket the excavation etc. complete as required pressure as per IS (including loading for testing.	
	= Qty	

Depth 6	Contents 7	Reference to last Measurement 8
of	Buildings,	culvert water
ed	Sundries	letting in PHS
width,	in ordinary soil	
of	dressing the bottom and	
e	excavated soil clear	
to 50 m,	after breaking of	
ulv	ref TMB	
= 25869/2		
288.36/cum	@	17302.00
ing	to IS 4985 : 2000 with	

OK

M. A. R. 57 (Rule 116)
Measurement Book

No. B 258634

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	labour ~~arrivals~~ and conveying to ~~site~~ rolling and lowering into trench, laying true line and level and ~~process~~ linking ~~of~~ jointly testing and commissioning including loading and unloading ~~of~~ both ~~of~~ departments and cutting of Pipes wherever necessary including jointing of RCC Pipes and specials (excluding cost of specials) with jointing of approved type with ~~of~~ labour with lead and lite including ~~encasing~~ the pipe around to a depth of not less than 15 cms with ~~soft~~ gravel or selected sand available from the excavation ~~etc~~. complete and giving necessary hydraulic ~~test~~ to the required pressure as ~~per~~ IS (Contractor will make his own arrangements for providing water for testing.					
	= As vide measurements ref TMB						

page No : 258700/2

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		3194.13 Rmtr		Rft.	77.38 /Rmtr	Rft.	247161.00
3)	Refilling available Earth around pipe Lines, cables. in layers not exceeding 20cms in depth, compacting each deposited layer by ramming after watering including cost of all labours complete as per specifications = Rft wide premeasured refs from B page no : 258700/2						
		59.74 m^3			Rft. 77.76/cum	Rft.	4645.00
4)	providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specifications including premixing the materials with water at						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	OMC in mechanical to site. at laying course on well prepared acline the desired dens Maruthinagara Bhadrap
5)	providing and lay

Contents	Reference to last Measurement
7	8
...8/Rate Rs.	24761.00
...ables. in layers with deposited layer by ...m and Lab upto 1.5m ...per specifications	
...5 TMB	
...00/2	
.../cum Rs.	4645.00
...ded stone aggregate to work ...e material with water at	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 258635

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	OMC in mechanical mix plant to site. & laying in uniform course on well prepared surface and achieve the desired density, material. Marattinagara Bhadrappa layouts		30.00	Carriage of layer with compactor		mixed material by tipper pave in mb - bay/bay with vibratory roller to	
			Qty vide	premeasure ref TMB			
				page no : 258647			
			26.55m	Qty. 1713.96/cum		Rs.	45506.00
5)	providing and laying bituminous concrete using 100/120 THP capacity						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	HMP with seven pave Gr-II (30 mm to 45 mm) crushed granite of specified grading premixed with S.I. CRMB 55 grade bituminous binder and transporting the hot mix to work site, laying to the required level and grade, rolling, transporting the hot mix to work site, laying to the required level and grade rolling with vibratory and tandem roller to achieve the desired density including all leads and lifts cost of all materials, labour HOM of machinery, complete as per specifications.						
	Maruthinagara Bhadrappa						
	Layers						
	W0644	1×1	30.0	0.20	0.03	= 0.18	
		1×1	29.11	0.20	0.03	= 0.17	
	W0647	1×1	30.0	0.20	0.03	= 0.18	
		1×1	30.0	0.20	0.03	= 0.18	
		1×1	21.62	0.20	0.03	= 0.12	
	W0645	1×1	30.0	0.20	0.03	= 0.18	

Serial No. .....

Name of Work .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	
1	2	
	W0643	=
	W0637	=
	W0629	=
	W0641	=

OOK

h	Depth 6	Contents 7	Reference to last Measurement 8
s mm)		crushed aggregate of specified	
de		bituminous binder and	
		laying to the required level and	
		work site, laying to the requid	
		vibratory and tandem roller to	
		ready and lift cost of all	
		reqds as per specifications.	
	0.03	= 0.18	
	0.03	= 0.17	
	0.03	= 0.18	
	0.03	= 0.18	
	0.03	= 0.12	
	0.03	= 0.18	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

258636

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		1×1	30.00	0.20	0.03	= 0.18	
		1×1	22.00	0.20	0.03	= 0.13	
	W064 3 =	1×1	30.00	0.20	0.03	= 0.18	
		1×1	27.45	0.20	0.03	= 0.16	
	W0637 =	1×1	30.00	0.20	0.03	= 0.18	
		1×1	25.78	0.20	0.03	= 0.15	
	W0629 =	1×1	30.00	0.20	0.03	= 0.18	
		1×1	30.00	0.20	0.03	= 0.18	
		1×1	30.00	0.20	0.03	= 0.18	
		1×1	20.00	0.20	0.03	= 0.12	
	W0641 =	1×1	30.00	0.20	0.03	= 0.18	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1×1	30.6	0.20	0.03	= 0.18	
		1×1	12.34	0.20	0.03	= 0.07	
	W0635 =	1×1	30.0	0.20	0.03	= 0.18	
		1×1	30.0	0.20	0.03	= 0.18	
		1×1	14.39	0.20	0.03	= 0.08	
	W0627 =	1×1	30.0	0.20	0.03	= 0.18	
		1×1	30.0	0.20	0.03	= 0.18	
		1×1	6.43	0.20	0.03	= 0.03	
	W0639 =	1×1	4.43	0.20	0.03	= 0.02	
						3.98 m	
						@ Rs 9888.48/cum Rs.	39356.00
						Total Rs.	3539370.00
						KR 1% 8+1=%	31857-
						Total Rs	3,85,827-

Verified
Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	Quality & quantity
	* work done is satisfa
	* All debries cleared

Contents	Reference to last Measurement
7	8
= 0.18	
0.07	
= 0.18	
= 0.18	
= 0.08	
= 0.18	
= 0.18	
= 0.03	
= 0.02	
3.98 m	
Rate Rs.	39356.00
Total Rs.	3539 70.00
8+1=%	31857-
	3,85,827-

M. A. R. 57 (Rule 116)
Measurement Book

No. B

258637

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Certificate :- * work done is satisfactorily * All debris cleared from the work spot. 20/4/17. Assistant Executive Engineer, Kodigehalli Sub Division, Yelahanka Zone, B.B.M.P. Bangalore.						

B.O.M. 1057

Engg Rlwy. BC/92/31.5.17.

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
						Total Rs: 2439908-00	
						Ext, Part- 2054081-00	
						Tnd & Final Rs: 3,85,827-00	
						ST- 7717-00	
						VAT- 15433-00	
						CC- 3858-00	
						CBF- 386-00	
						Add: 27394-00	
						Cerm. 358433-00	

Rs. Three lakh fifty eight four hundred thirty three only

Engineer

08/06

Serial No. .....

Name of Work .....

Name of Contractor of nature of Agency .

Date of commencement of work .....

Date	Full description, etc, of work
1	2